APRIL/MAY 2024

CEL33/BEL33 — PROGRAMMING IN C

Time : Three hours Maximum : 75 marks

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SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define floating Point Constants.
2. Define variable.
3. Mention the purpose of gets() function.
4. Write the syntax of While statement.
5. How to declare an array?
6. What is meant by a parameter?
7. Write the syntax of structure.
8. Where the Self-Referential Structures can be used?
9. Mention the two types of data files.
10. What do you mean by bitwise operation?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Differentiate Keywords and Identifiers.

Or

(b) Explain about expression in C.

12. (a) Briefly explain about library functions in C.

Or

(b) Discuss

(i) if-else

(ii) do-while

13. (a) Describe the passing array to a function.

Or

(b) Elucidate the passing pointers to a function.

14. (a) Explain about Pointers and Structures.

Or

(b) Explain the passing structure to a function.

15. (a) Write a short note on

(i) Opening file

(ii) Closing file

Or

(b) Elucidate the C processor.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss the operators and their hierarchy.

17. Describe about recursion using function.

18. Elaborate on passing function to function.

19. Explain : Union.

20. How to Create and Process a Data File? Explain.

LIBRARY

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